

2121

1140668-0006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Kreidler et al.  
Serial No. : 10/052,293  
Filed : January 18, 2002  
For : METHOD AND SYSTEM FOR THE ELECTRONIC  
PROVISION OF SERVICES FOR MACHINES VIA A DATA  
COMMUNICATIONS LINK  
Examiner : To be assigned  
Group Art Unit : 2121

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JUL 08 2003

**VIA HAND DELIVERY**

Technology Center 2100

**Group 2121**  
**Assistant Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING OF FIRST OFFICE ACTION**

Sir:

Applicants submit this communication and the attached Form PTO-1449 in compliance with 37 C.F.R. §§1.56, 1.97 and 1.98. A copy of each of the documents listed on the Form PTO-1449 is enclosed as part of this communication.

Applicants bring to the Examiner's attention the following co-pending, commonly-assigned U.S. non-provisional patent applications which are listed in the following table. Copies of these applications as filed are included with this communication.

Serial No.	Filing Date
09/950,731	Sept. 12, 2001
09/950,723	Sept. 12, 2001
09/950,726	Sept. 12, 2001
09/950,848	Sept. 12, 2001

As part of this communication, Applicants are providing copies of International Search Reports (“ISRs”) which issued in connection with the following PCT patent applications, which correspond to the above-referenced co-pending U.S. applications.

<b>PCT Application No.</b>	<b>Corresponding U.S. Application</b>
PCT/EP02/07511	09/950,731
PCT/EP02/07512	09/950,723
PCT/EP02/07513	09/950,848
PCT/EP02/07514	10/052,293

As part of this communication, Applicants are providing English language abstracts for German-language patent documents DE 196 15 190 and DE 199 30 660.

Applicants are not providing an English-language translation of WO 99/02366, published in the Japanese language. An English-language abstract is provided on the first page of the published WO 99/02366 application.

Applicants are not providing an English-language translation of German-language document XP02221129, “Realzeitsysteme zur Prozessautomatisierung,” cited on Form PTO-1449. This document is cited in the ISR for PCT/EP02/07513, and its relevance is discussed in the ISR.

Applicants are providing a partial English-language translation of document “NC/CNC Handbuch,” cited on Form PTO-1449 and published in the German language. The document, including the partial translation, is directed to general background information on NC and CNC controllers.

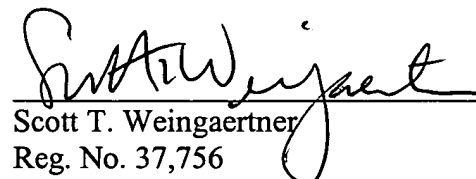
Document EP 875,023, cited on Form PTO-1449, contains the entire disclosure of WO 97/26587, published in the German language. Applicants are providing a copy of US 6,263,487, which is an English-language member of the same patent family as EP 875,023.

**TIME OF TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits according to 37 C.F.R. §1.97(b)(3). Therefore, no fee is due in connection with this filing. However, should any fee be deemed necessary in connection with this filing, the Assistant Commissioner is hereby authorized to charge the fee to Deposit Account No. 23-1703.

Dated: July 2, 2003

Respectfully submitted,

  
\_\_\_\_\_  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAtty. Docket No.  
1140668-0006Serial No.  
10/052,293

(REV. 2-82)

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTApplicant:  
Kreidler et al.Filing Date:  
January 18, 2002Group:  
2121

## UNITED STATES PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
	3	8	8	2	3	0	5	May 6, 1975	Johnstone	235	151.11	RECEIVED JUL 08 2003 Technology Center 2100
	4	9	0	1	2	1	8	Feb. 13, 1990	Cornwell	364	131	
	5	4	6	9	3	5	2	Nov. 1995	Yukutomo et al.	364	192	
	6	0	9	4	6	0	0	Jul. 25, 2000	Sharpe, Jr. et al.	700	19	
	6	2	6	3	4	8	7	Jul. 17, 2001	Stripf et al.	717	1	

## UNITED STATES PATENT APPLICATIONS

*Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
	0	9	9	5	0	7	3	1	Kreidler et al.			Sept. 12, 2001
	0	9	9	5	0	7	2	3	Kreidler et al.			Sept. 12, 2001
	0	9	9	5	0	7	2	6	Kreidler et al.			Sept. 12, 2001
	0	9	9	5	0	8	4	8	Kreidler et al.			Sept. 12, 2001


## FOREIGN PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Country	Class	Sub-Class	Translation Yes No	
	0	0	5	1	8	6	1	May 19, 1982	EP				
	0	0	6	2	1	3	8	Oct. 19, 2000	WO				
	0	0	7	3	9	5	5	Dec. 7, 2000	WO				
	0	1	5	0	7	0	4	July 12, 2001	WO				
	0	4	2	8	7	3	5	May 29, 1991	EP				
	0	7	7	2	1	0	7	May 7, 1997	EP				
	0	8	2	2	4	7	3	Feb. 4, 1998	EP				
	0	8	7	5	0	2	3	July 17, 2001	EP				
	1	1	0	2	1	8	5	May 23, 2001	EP				
	1	1	1	5	0	8	0	July 11, 2001	EP				
	1	9	6	1	5	1	9	Oct. 23, 1997	DE				
	1	9	9	3	0	6	6	Jan. 11, 2001	DE				
	9	0	0	2	3	6	6	Mar. 8, 1990	WO				

Examiner:

Date Considered:

\*Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 2-82) 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 1140668-0006	Serial No. 10/052,293
		Applicant: Kreidler et al.	
		Filing Date: January 18, 2002	Group: 2121

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Artikel Bosch "Typ3 osa- The universal NC, PLC, and PC control system", 12 November 2001
	R. Fernandez: "An Object-Oriented Implementation of Low Level Digital Control Algorithms in the Microsoft Windows/C++ Environment", Proceedings of the International Symposium on Intelligent Control, Monterey, Aug. 27-29, 1995, New York, IEEE US, pages 229-235
	U. Rembold, P. Levi: Realzeitsysteme zur Prozessautomatisierung, 1994, Hanser Verlag, München, pp. 624-625; pp. 638-651; pp.660-661
	Naoki Ura et al: "Remote Maintenance Function for Distributed Control System", Advances in Instrumentation and Control, Instrument Society of America, Research Triangle Park, US, vol. 48, Part 3, 1993, pages 1557-1564, XP000428426
	DOD Standard Transmission Control Protocol, Information Sciences Institute, USA, January 1980, pp. 1-83
	Michael Kmiec: "PhorSale 1.0.8B – An eCommerce application for PHP and mySQL, File: phorSale.sql", Online!, 14 Jun 2001, FRESHMEAT:NET, XP002219121
	Judith S. Bowman, Sandra L. Emerson et al.: "The Practical SQL Handbook", September 1998, Addison Wesley, Reading, Massachusetts, XP002219122, page 63
	Erkes J.W. et al: "Implementing Shared Manufacturing Services on the World-Wide Web", Communications of the Association for Computing Machinery, New York, US, vol. 39, no. 2, 1 February 1996, pages 34-45
	Hans B. Kief: "NC/CNC Handbuch", 1995, Carl Hanser Verlag, München Wien, XP002227602, pages 238-242; 296-297; and 318-319
	International Search Report for PCT/EP02/07511
	International Search Report for PCT/EP02/07512
	International Search Report for PCT/EP02/07513
	International Search Report for PCT/EP02/07514

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